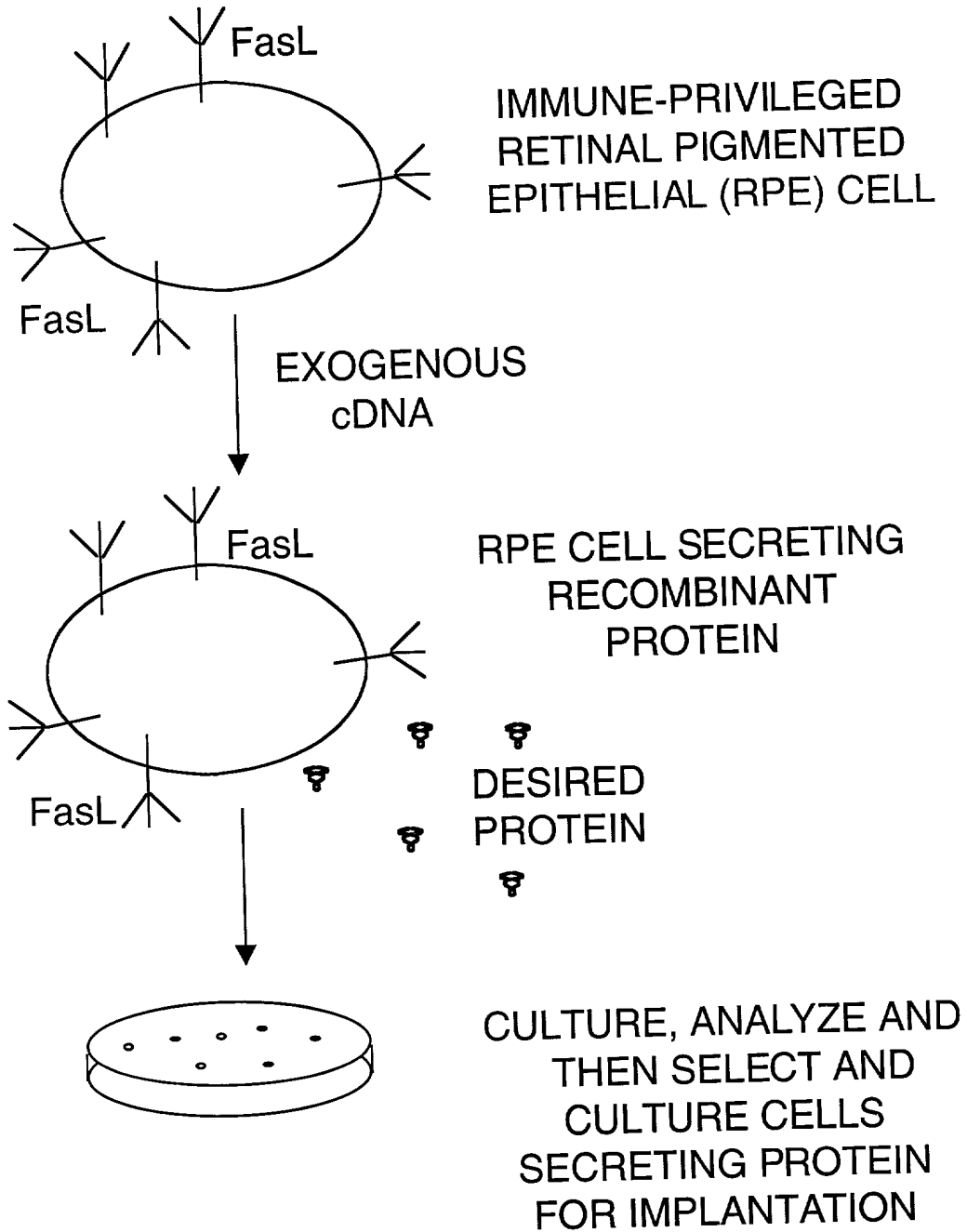
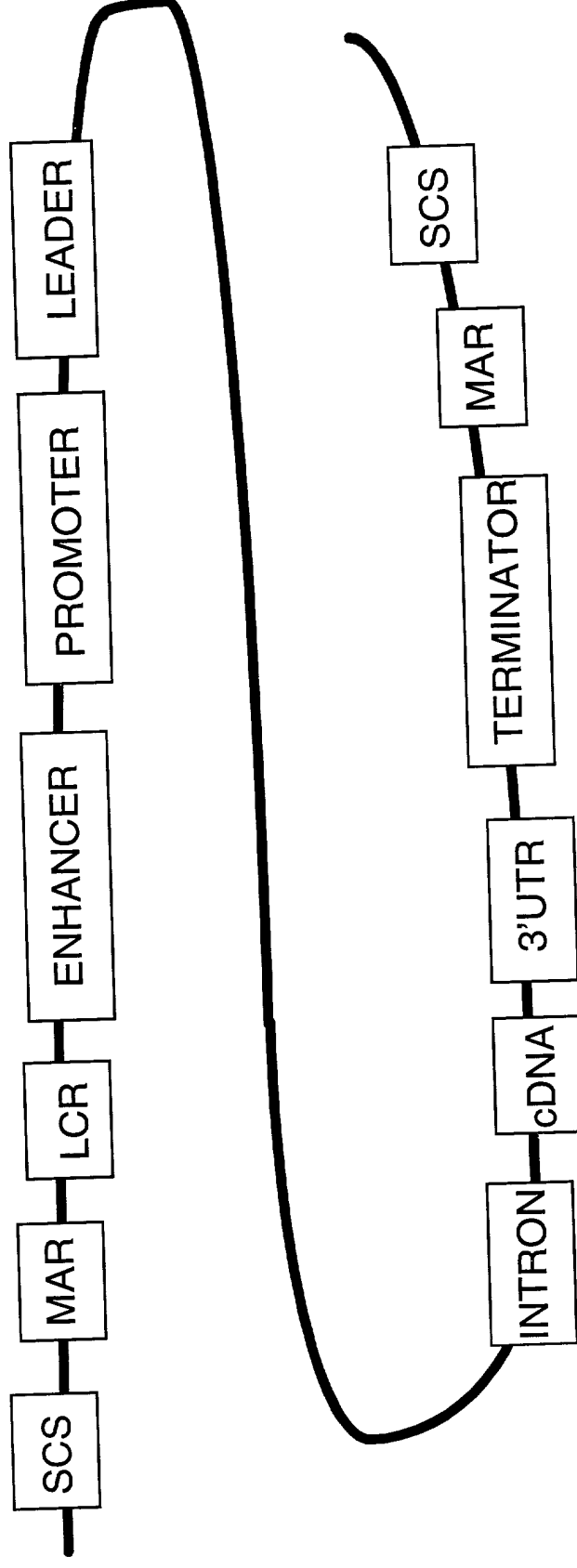


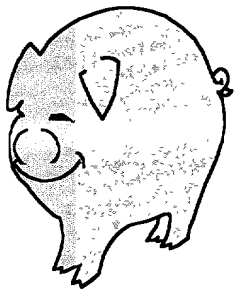
# FIGURE 1



# FIGURE 2

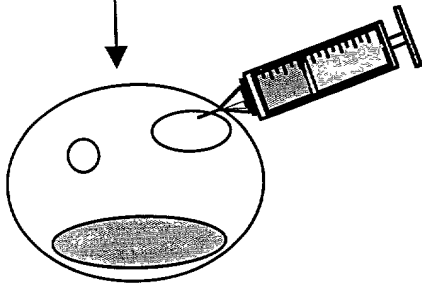


# FIGURE 3

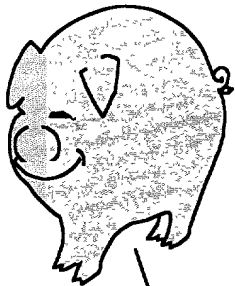


FLUSH FERTILIZED EGGS FROM  
SUPER OVULATED DONORS

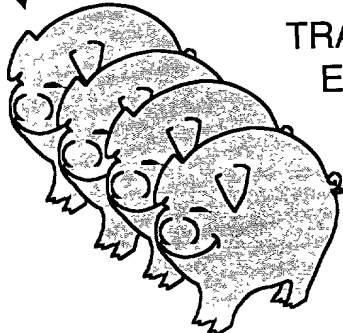
CENTRIFUGE EGGS, INJECT  
GENES INTO PRONUCLEUS



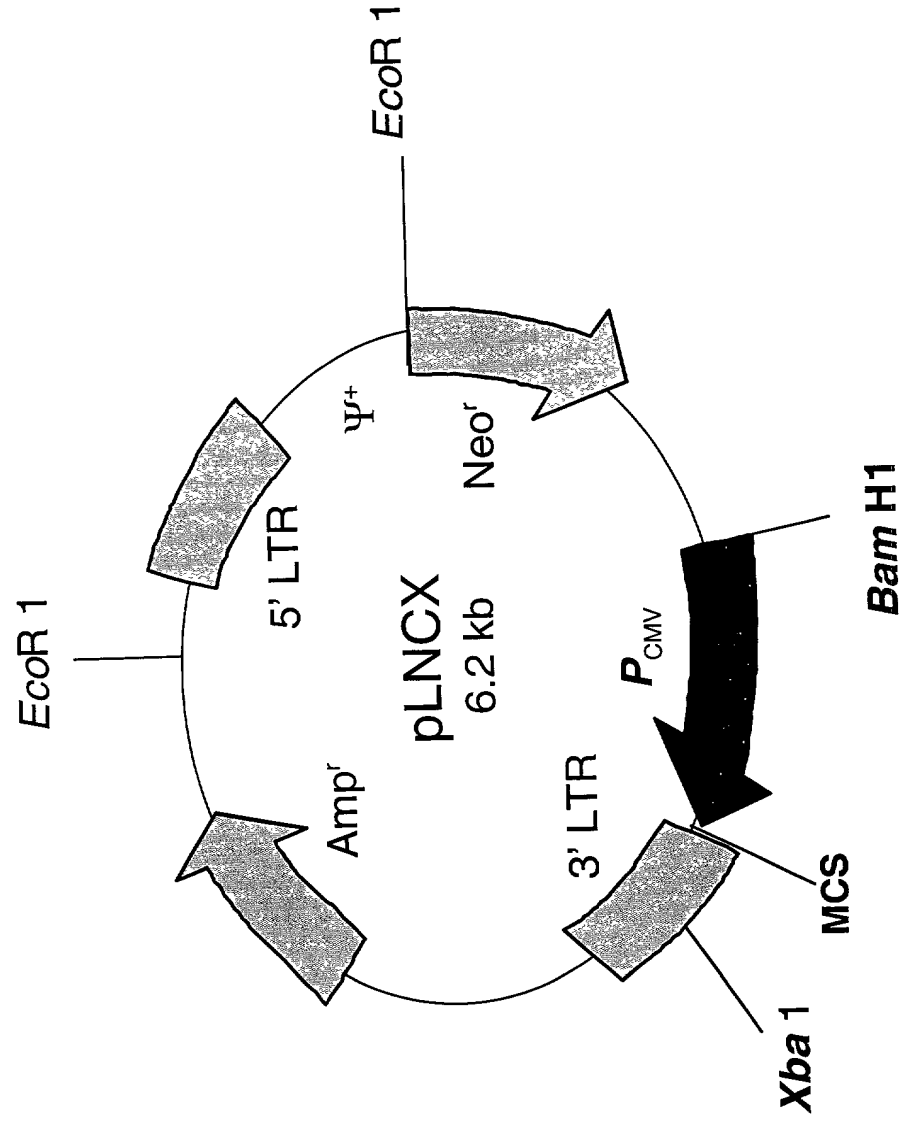
TRANSFER INJECTED EGGS INTO  
OVIDUCTS OF SYNCHRONIZED SOWS  
AND ALLOW TO FARROW



PCR TO IDENTIFY TRANSGENIC  
ANIMALS, THEN PERFORM TISSUE  
BIOPSIES, ANALYSES OF mRNA  
TRANSCRIPTION + PROTEIN PRODUCTION,  
ESTABLISH TRANSGENIC ANIMAL LINES



# FIGURE 4



# FIGURE 5

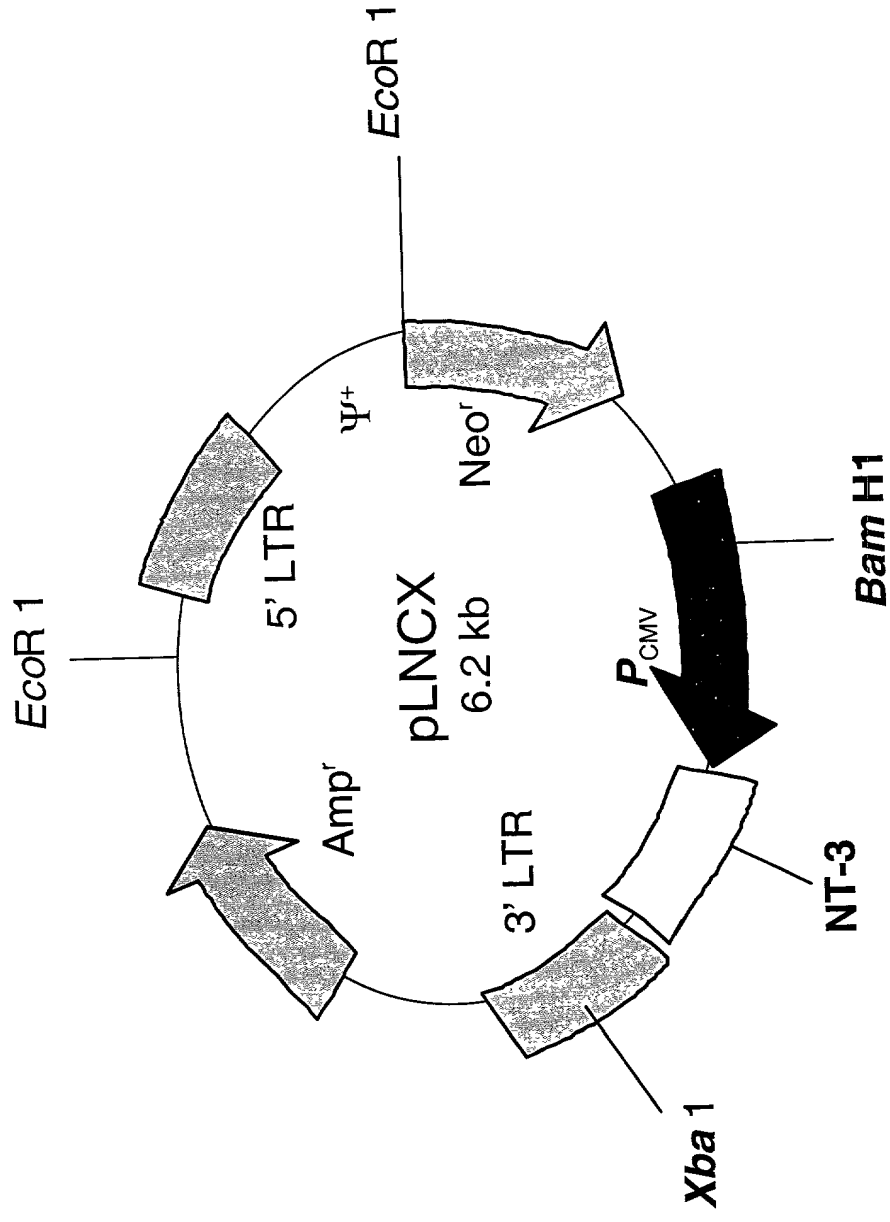
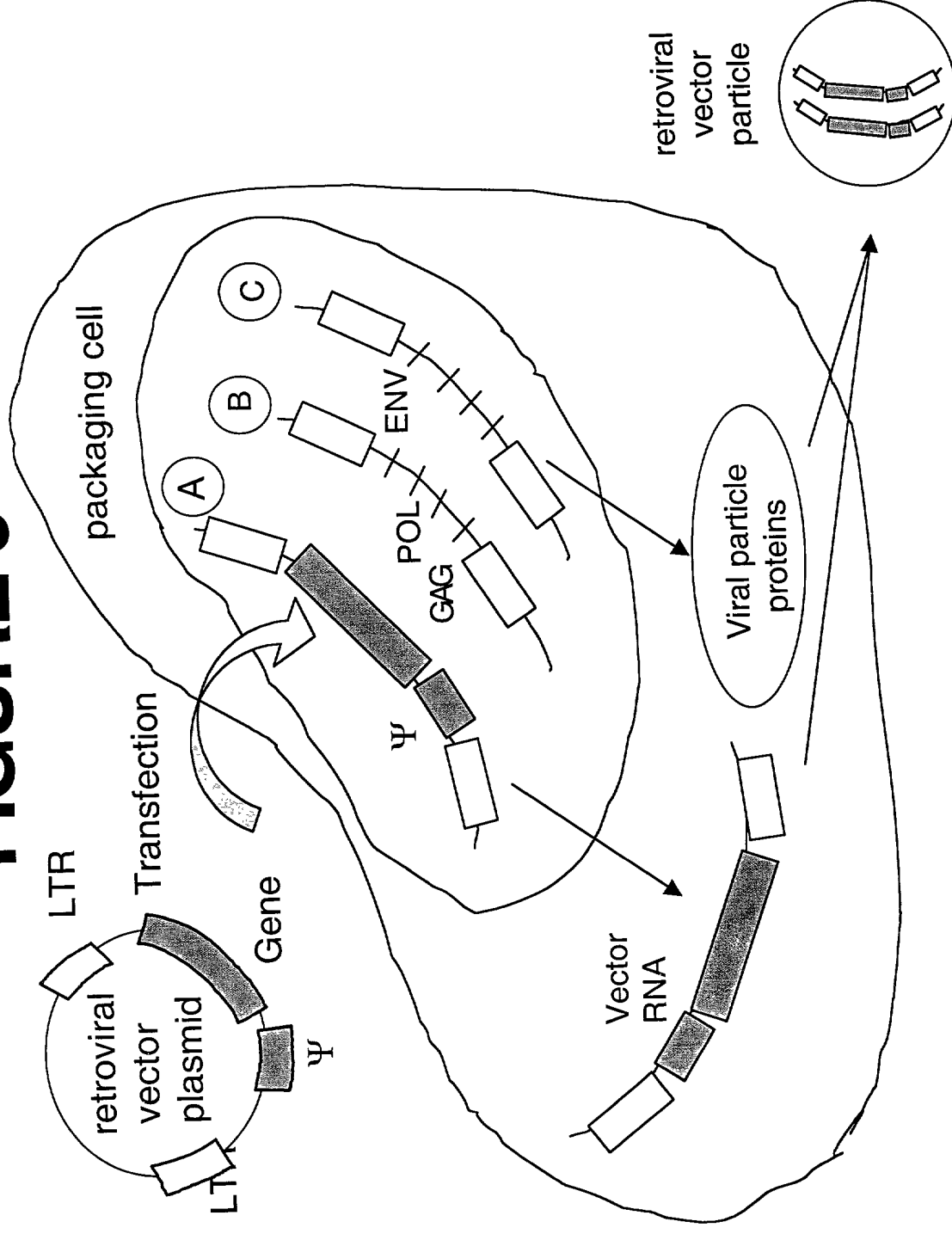
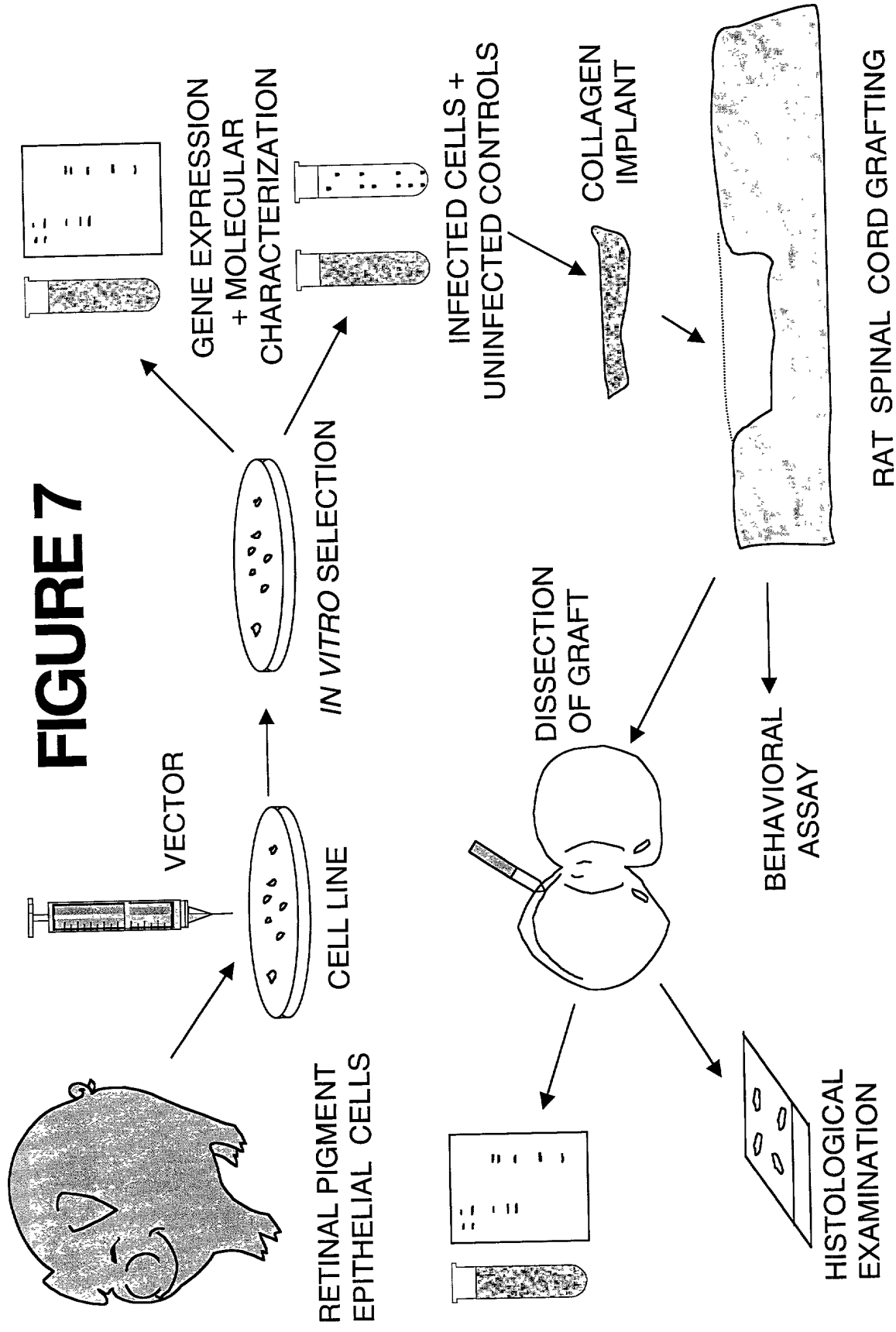
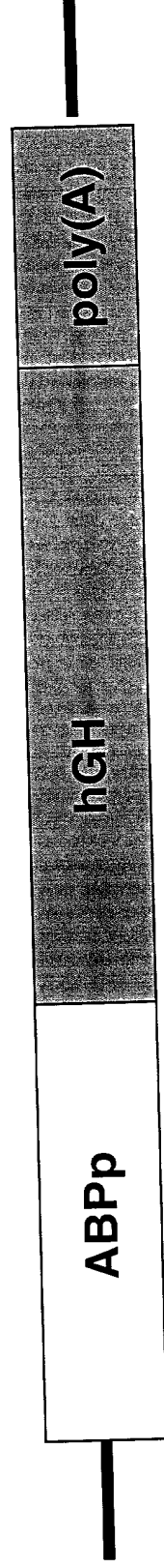


FIGURE 6





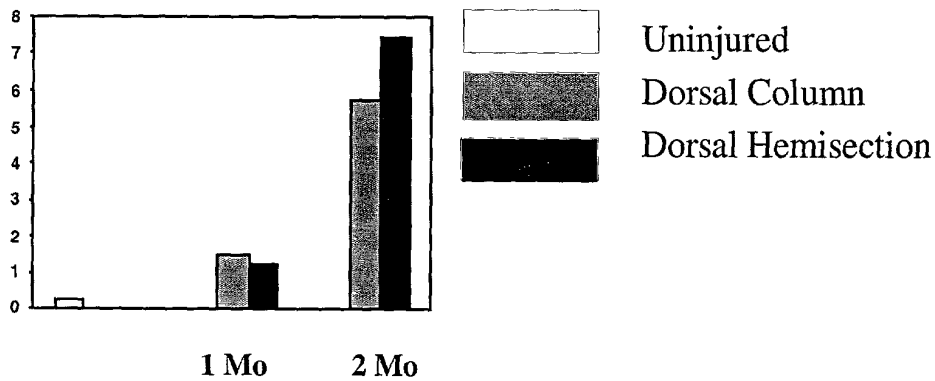
# FIGURE 8



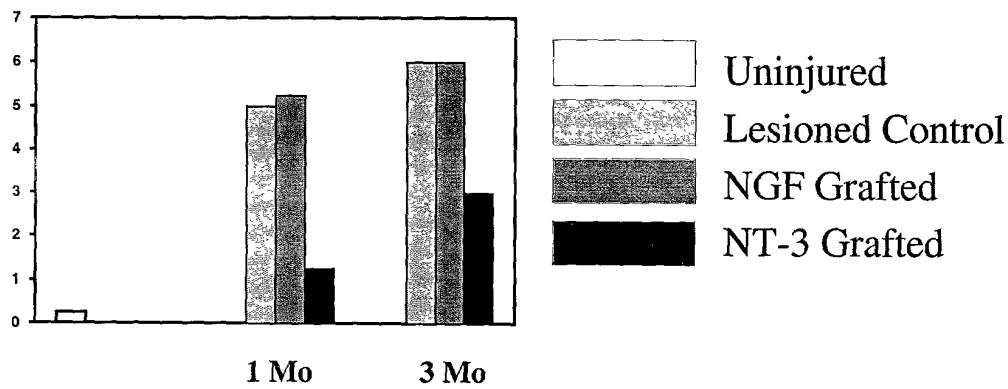
Expression construct

# FIGURE 9

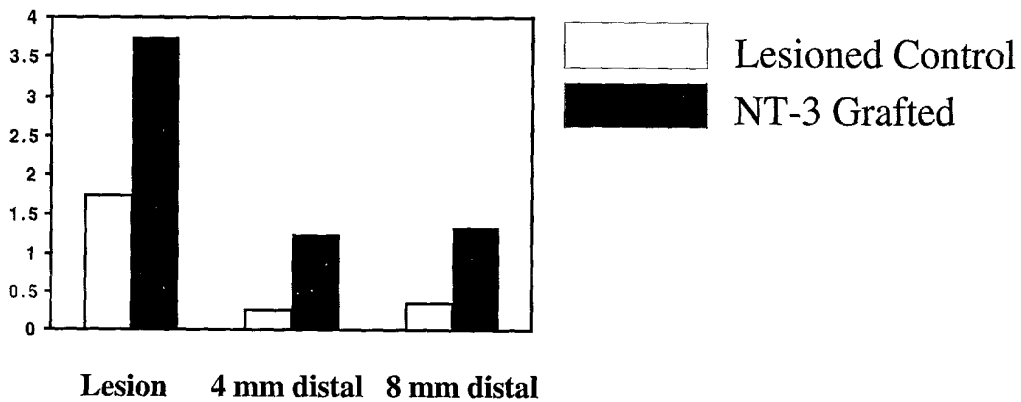
## A. Grid Task: Mean Footfalls/Trial

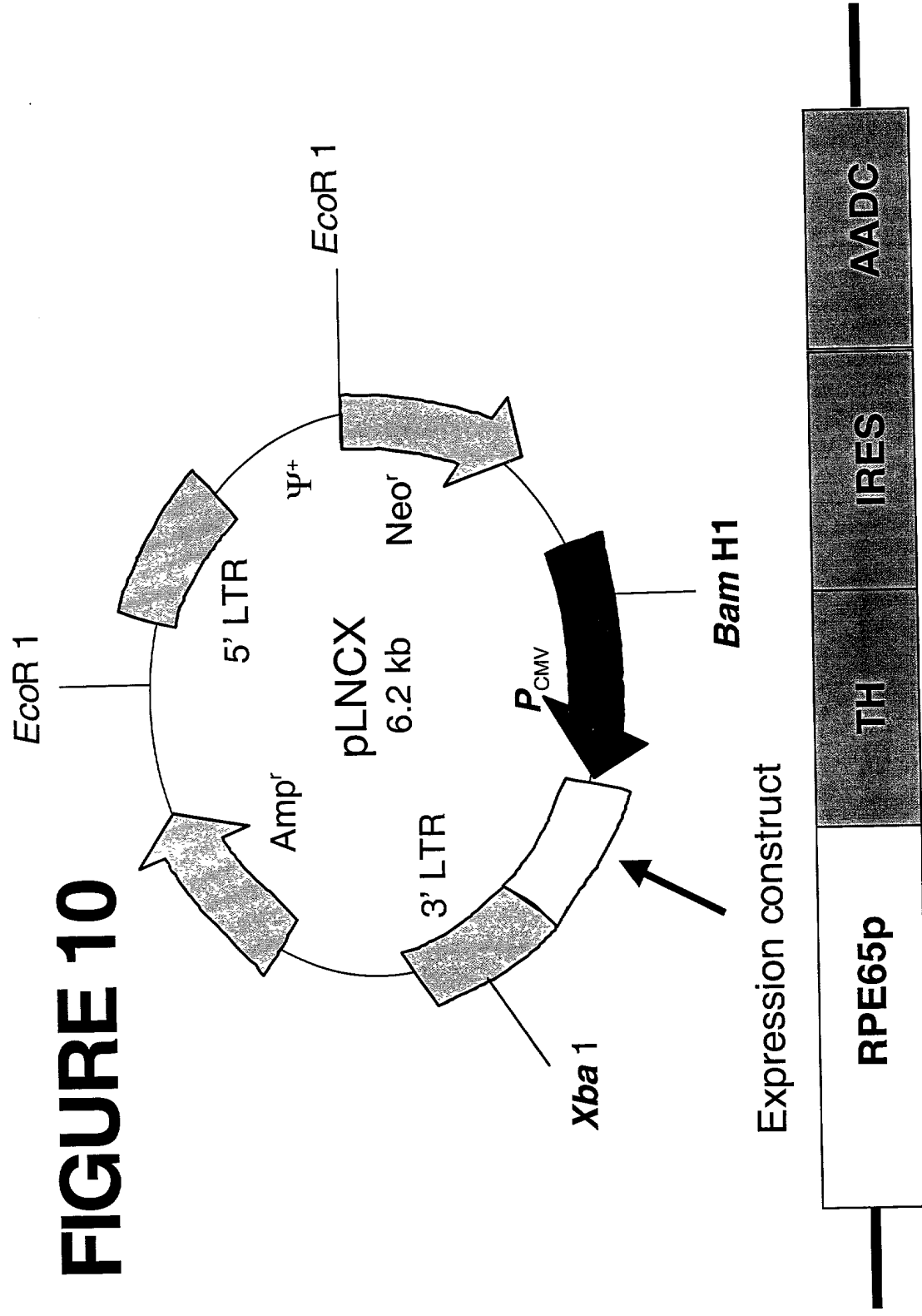


## B. Grid Task: Mean Footfalls/Trial

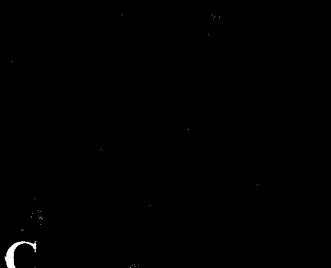


## C. Corticospinal Tract Sprouting: WGA-HRP Label Density/Baseline Density





**B**



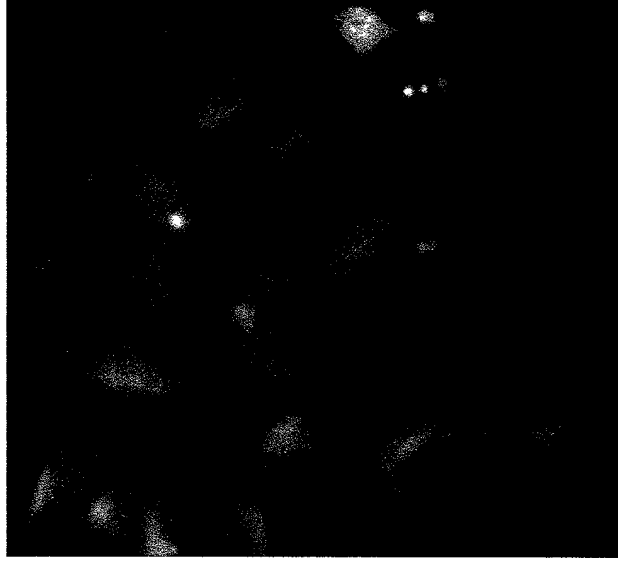
C

**D**

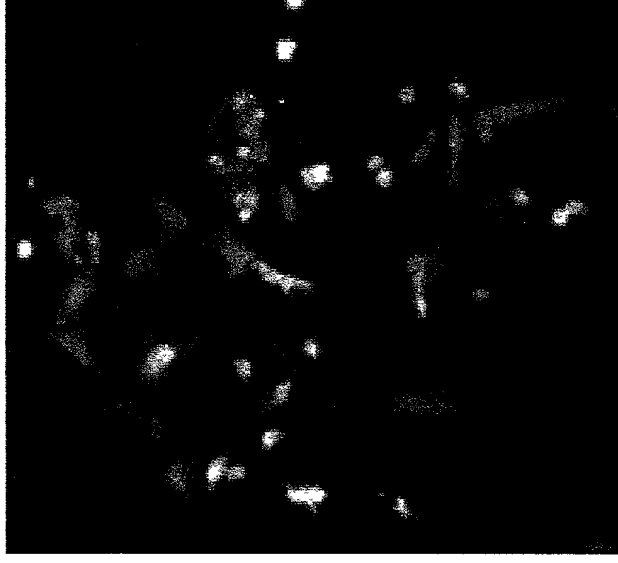
D

# FIGURE 11

## FIGURE 12



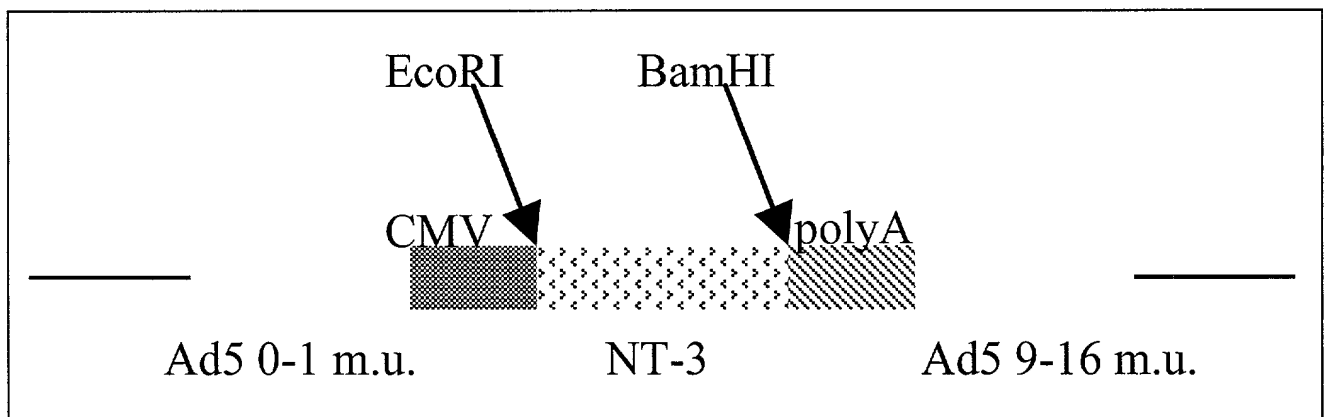
**$10^4$  infectious particles**



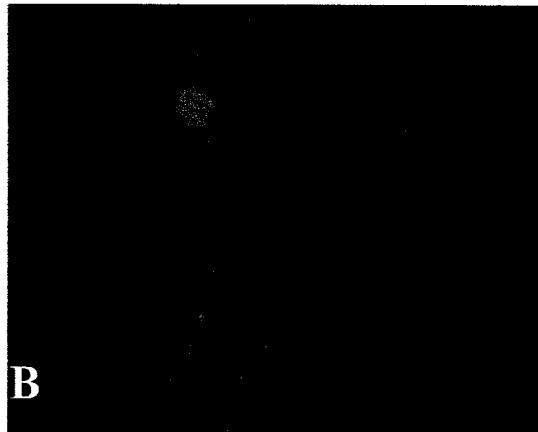
**$10^5$  infectious particles**

# FIGURE 1 3

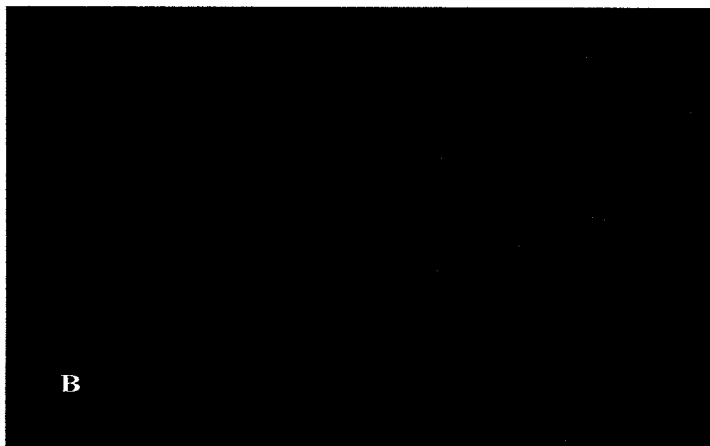
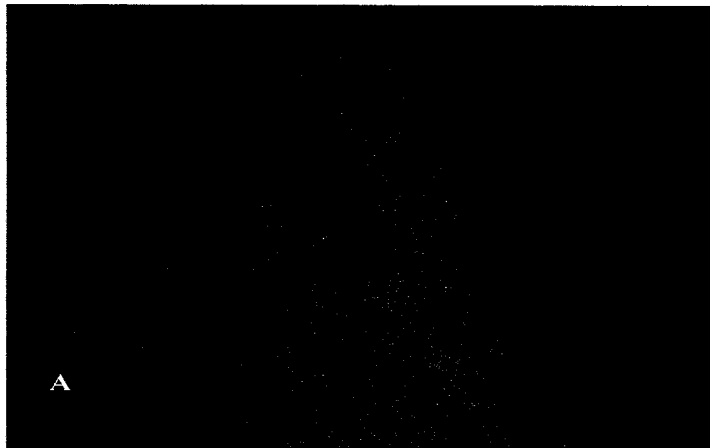
FIGURE 1 3



# Figure 14

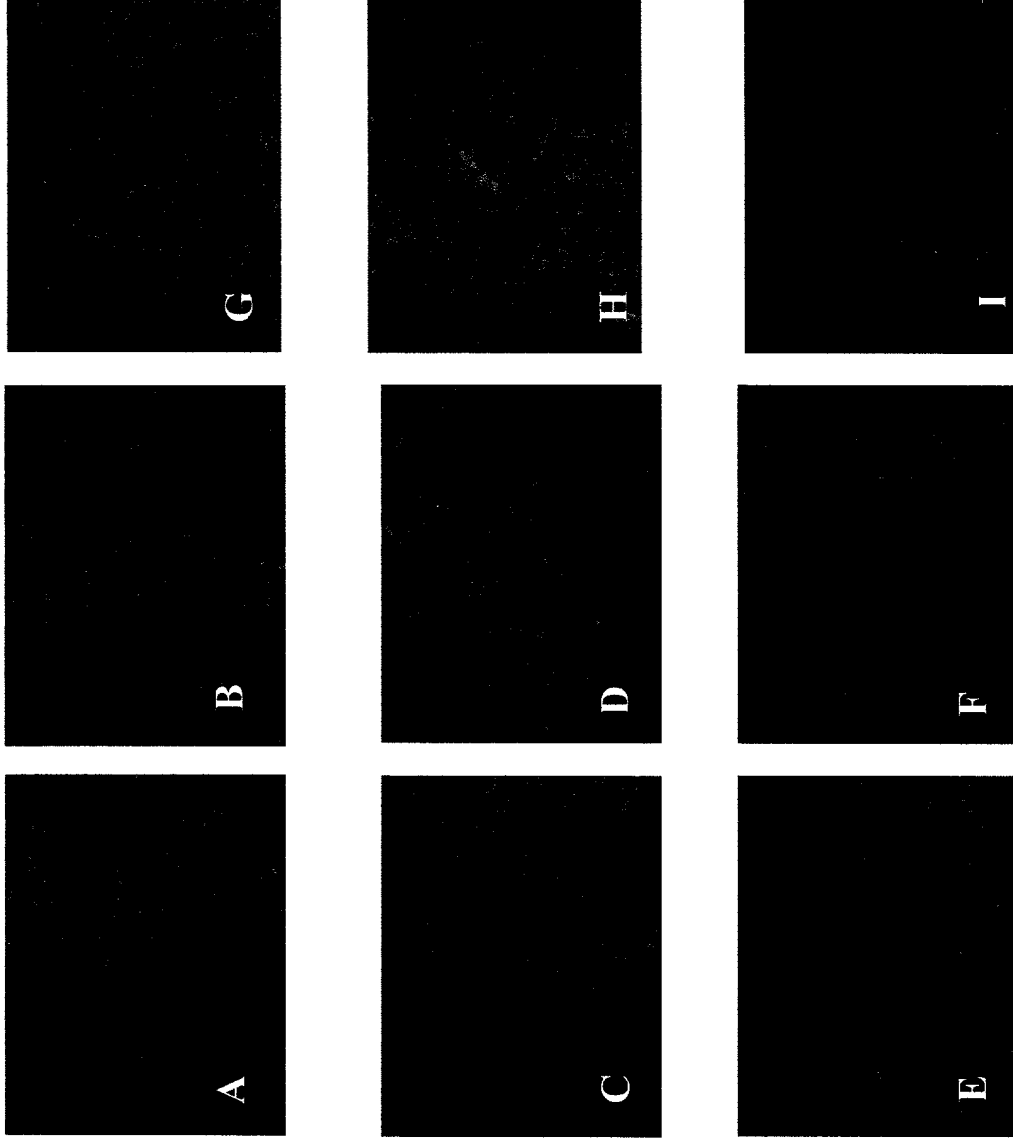


# FIGURE 15

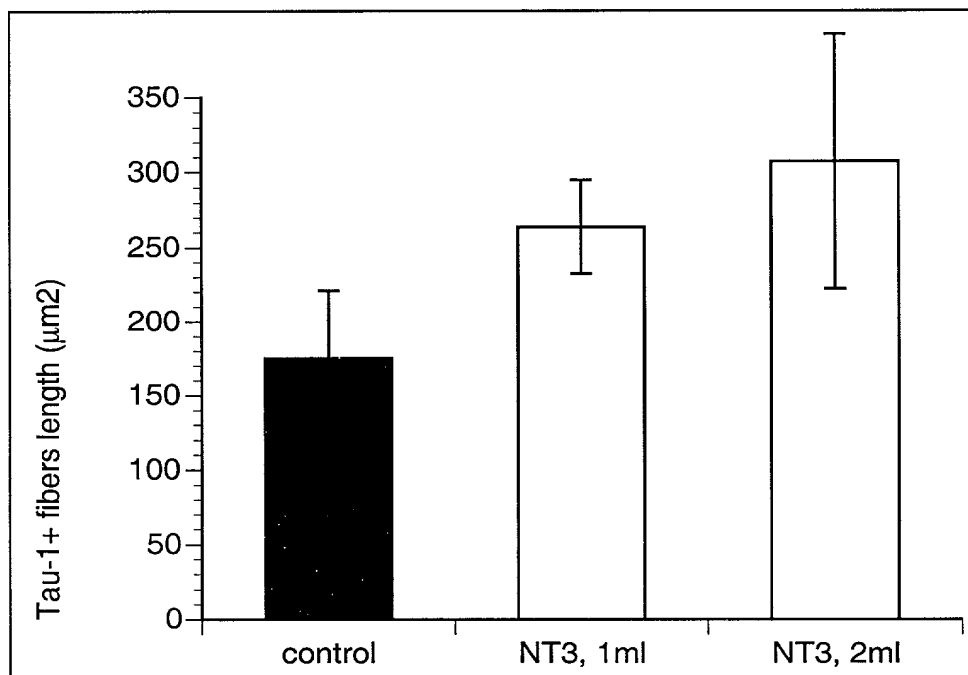


0944798-083604  
T09280" 35E T4660

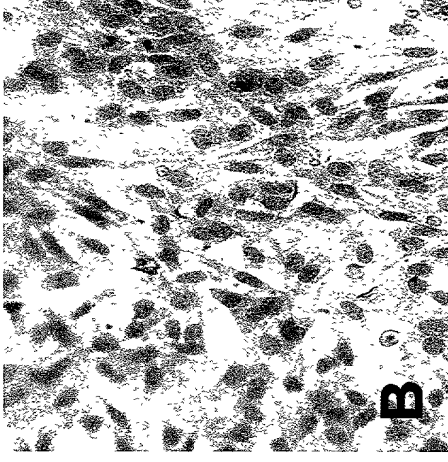
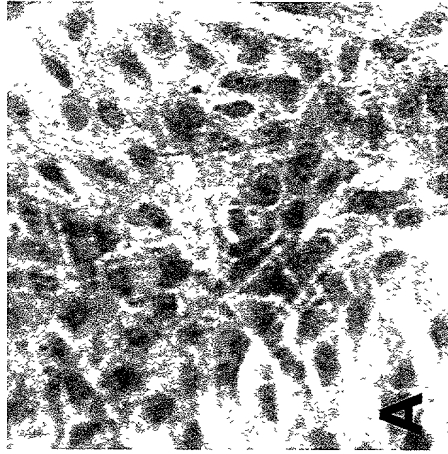
# FIGURE 16



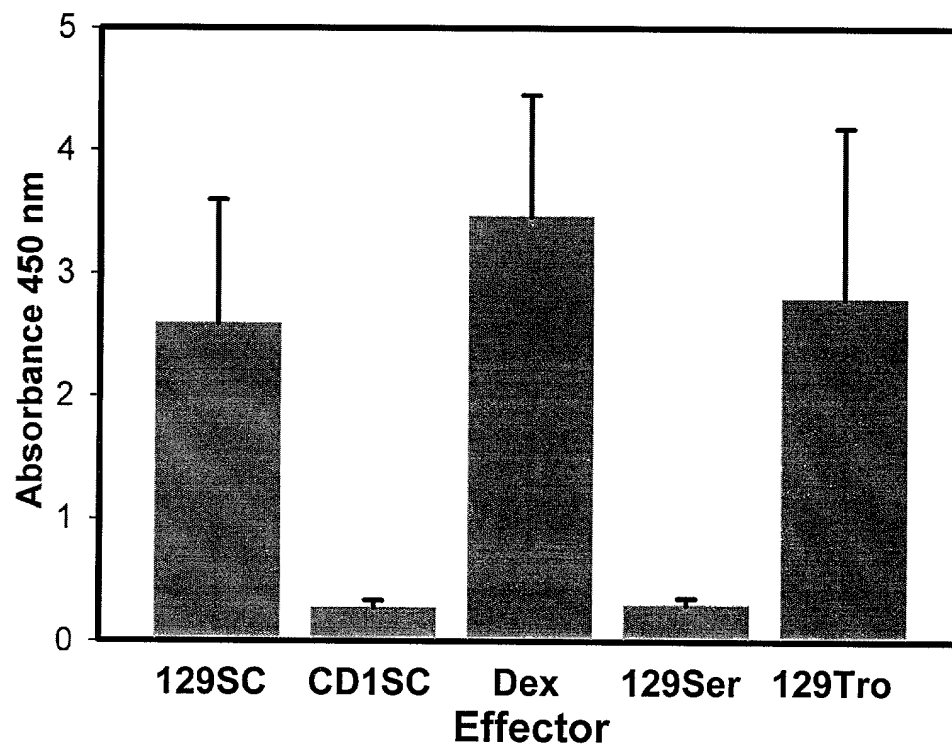
# FIGURE 17



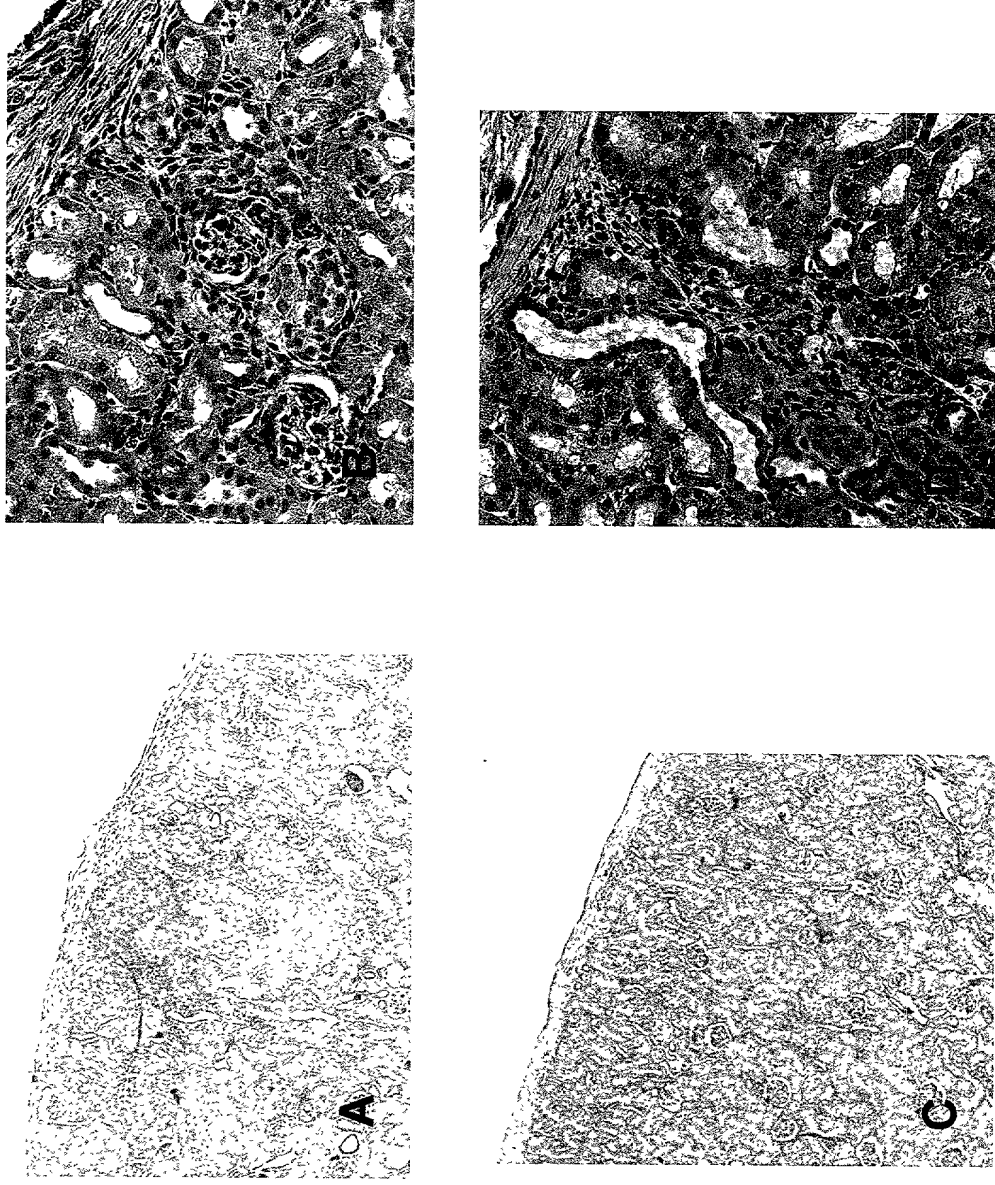
## FIGURE 18



**FIGURE 19**



## FIGURE 20



# FIGURE 21

